

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2008; month=8; day=1; hr=17; min=6; sec=31; ms=453;]

=====

Application No: 10579921 Version No: 3.0

Input Set:

Output Set:

Started: 2008-06-27 15:20:05.888
Finished: 2008-06-27 15:20:07.113
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 225 ms
Total Warnings: 9
Total Errors: 0
No. of SeqIDs Defined: 17
Actual SeqID Count: 17

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)

SEQUENCE LISTING

<110> University Paris 13
CNRS

<120> PEPTIDE INCREASING FUSIOGENIC CAPACITY OF A GAMETE

<130> 3665-180

<140> 10579921

<141> 2006-05-19

<160> 17

<170> PatentIn version 3.3

<210> 1

<211> 30

<212> PRT

<213> Homo sapiens

<220>

<221> SITE

<222> (14)..(16)

<223> Tripeptide

<400> 1

Cys	Leu	Phe	Met	Ser	Lys	Glu	Arg	Met	Cys	Arg	Pro	Ser	Phe	Glu	Glu
1				5					10					15	

Cys	Asp	Leu	Pro	Glu	Tyr	Cys	Asn	Gly	Ser	Ser	Ala	Ser	Cys
			20					25					30

<210> 2

<211> 30

<212> PRT

<213> Mus musculus

<400> 2

Cys	Lys	Leu	Lys	Arg	Lys	Gly	Glu	Val	Cys	Arg	Leu	Ala	Gln	Asp	Glu
1				5					10					15	

Cys	Asp	Val	Thr	Glu	Tyr	Cys	Asn	Gly	Thr	Ser	Glu	Val	Cys
			20					25					30

<210> 3

<211> 30

<212> PRT

<213> Cavia porcellus

<400> 3

Cys Glu Phe Lys Thr Lys Gly Glu Val Cys Arg Glu Ser Thr Asp Glu
1 5 10 15

Cys Asp Leu Pro Glu Tyr Cys Asn Gly Ser Ser Gly Ala Cys
20 25 30

<210> 4

<211> 30

<212> PRT

<213> *Oryctolagus cuniculus*

<400> 4

Cys Thr Phe Lys Glu Arg Gly Gln Ser Cys Arg Pro Pro Val Gly Glu
1 5 10 15

Cys Asp Leu Phe Glu Tyr Cys Asn Gly Thr Ser Ala Leu Cys
20 25 30

<210> 5

<211> 30

<212> PRT

<213> *Macaca fascicularis*

<400> 5

Cys Leu Phe Met Ser Gln Glu Arg Cys Cys Arg Pro Ser Phe Asp Glu
1 5 10 15

Cys Asp Leu Pro Glu Tyr Cys Asn Gly Thr Ser Ala Ser Cys
20 25 30

<210> 6

<211> 30

<212> PRT

<213> *Bos taurus*

<400> 6

Cys Ala Phe Ile Pro Lys Gly His Ile Cys Arg Gly Ser Thr Asp Glu
1 5 10 15

Cys Asp Leu His Glu Tyr Cys Asn Gly Ser Ser Ala Ala Cys
20 25 30

<210> 7

<211> 30
<212> PRT
<213> Rattus norvegicus

<400> 7

Cys Asn Leu Lys Ala Lys Gly Glu Leu Cys Arg Pro Ala Asn Gln Glu
1 5 10 15

Cys Asp Val Thr Glu Tyr Cys Asn Gly Thr Ser Glu Val Cys
20 25 30

<210> 8
<211> 30
<212> PRT
<213> Sus scrofa

<400> 8

Cys Ser Phe Met Ala Lys Gly Gln Thr Cys Arg Leu Thr Leu Asp Glu
1 5 10 15

Cys Asp Leu Leu Glu Tyr Cys Asn Gly Ser Ser Ala Ala Cys
20 25 30

<210> 9
<211> 6
<212> PRT
<213> artificial sequence

<220>
<223> peptide FEEc

<220>
<221> DISULFID
<222> (1)..(6)

<400> 9

Cys Ser Phe Glu Glu Cys
1 5

<210> 10
<211> 17
<212> PRT
<213> artificial sequence

<220>
<223> cyclic peptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> F or L

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> K, M or I

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> K, R or Q

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> G or E

<220>
<221> MISC_FEATURE
<222> (8)..(9)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (12)..(14)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Q, D or E

<400> 10

Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Arg Xaa Xaa Xaa Xaa Glu
1 5 10 15

Cys

<210> 11

<211> 23
<212> PRT
<213> artificial sequence

<220>
<223> cyclic peptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> F or L

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> K, M or I

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> K, R or Q

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> G or E

<220>
<221> MISC_FEATURE
<222> (8)..(9)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (12)..(14)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Q, D or E

<220>
<221> MISC_FEATURE
<222> (19)..(19)
<223> L or V

<220>
<221> MISC_FEATURE
<222> (20)..(20)
<223> any amino acid

<400> 11

Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Arg Xaa Xaa Xaa Xaa Glu
1 5 10 15

Cys Asp Xaa Xaa Glu Tyr Cys
20

<210> 12
<211> 30
<212> PRT
<213> artificial sequence

<220>
<223> cyclic peptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> F or L

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> K, M or I

<220>
<221> MISC_FEATURE
<222> (5)..(5)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> K, R or Q

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> G or E

<220>

<221> MISC_FEATURE
<222> (8)..(9)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (12)..(14)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Q, D or E

<220>
<221> MISC_FEATURE
<222> (19)..(19)
<223> L or V

<220>
<221> MISC_FEATURE
<222> (20)..(20)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (25)..(25)
<223> G or E

<220>
<221> MISC_FEATURE
<222> (26)..(26)
<223> T or S

<220>
<221> MISC_FEATURE
<222> (28)..(28)
<223> A, E or G

<220>
<221> MISC_FEATURE
<222> (29)..(29)
<223> any amino acid

<400> 12

Cys Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Arg Xaa Xaa Xaa Xaa Glu
1 5 10 15

Cys Asp Xaa Xaa Glu Tyr Cys Asn Xaa Xaa Ser Xaa Xaa Cys
20 25 30

<210> 13
<211> 8
<212> PRT

<213> artificial sequence

<220>

<223> cyclic peptide

<220>

<221> MISC_FEATURE

<222> (3)..(5)

<223> any amino acid

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> Q, D or E

<400> 13

Cys Arg Xaa Xaa Xaa Xaa Glu Cys
1 5

<210> 14

<211> 14

<212> PRT

<213> artificial sequence

<220>

<223> cyclic peptide

<220>

<221> MISC_FEATURE

<222> (3)..(5)

<223> any amino acid

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> Q, D or E

<220>

<221> MISC_FEATURE

<222> (10)..(10)

<223> L or V

<220>

<221> MISC_FEATURE

<222> (11)..(11)

<223> any amino acid

<400> 14

Cys Arg Xaa Xaa Xaa Xaa Glu Cys Asp Xaa Xaa Glu Tyr Cys
1 5 10

<210> 15
<211> 21
<212> PRT
<213> artificial sequence

<220>
<223> cyclic peptide

<220>
<221> MISC_FEATURE
<222> (3)..(5)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Q, D or E

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> L or V

<220>
<221> MISC_FEATURE
<222> (11)..(11)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> G or E

<220>
<221> MISC_FEATURE
<222> (17)..(17)
<223> T or S

<220>
<221> MISC_FEATURE
<222> (19)..(19)
<223> A, E or G

<220>
<221> MISC_FEATURE
<222> (20)..(20)
<223> any amino acid

<400> 15

Cys Arg Xaa Xaa Xaa Xaa Glu Cys Asp Xaa Xaa Glu Tyr Cys Asn Xaa
1 5 10 15

Xaa Ser Xaa Xaa Cys

<210> 16
<211> 6
<212> PRT
<213> artificial sequence

<220>
<223> cyclic peptide

<220>
<221> MISC_FEATURE
<222> (2)..(3)
<223> any amino acid

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Q, D or E

<400> 16

Cys Xaa Xaa Xaa Glu Cys
1 5

<210> 17
<211> 6
<212> PRT
<213> artificial sequence

<220>
<223> cyclic peptide

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> any amino acid

<400> 17

Cys Xaa Phe Glu Glu Cys
1 5